

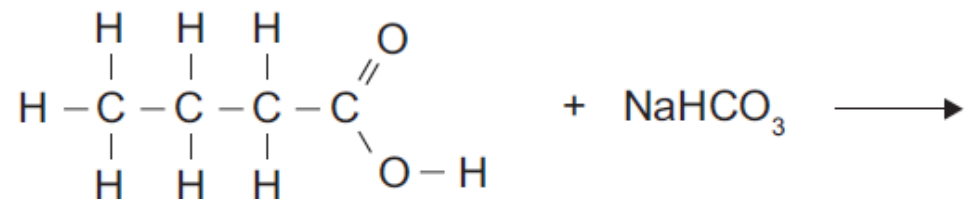
Level 2 Reactions of Carboxylic acids

1) When butanoic acid reacts with sodium hydrogen carbonate, NaHCO_3 , fizzing can be seen during the reaction.

i) What type of reaction is occurring?

ii) Explain why fizzing is observed during the reaction.

iii) Complete the equation below to show the structural formula of the organic product formed.



2)



3) Draw and name the product and type of reaction when propanoic acid is reacted with sodium hydroxide solution.